



1636

ATTORNEY'S DOCKET NO.: 2004647-0004 (was CEL-003)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gardner *et al.*  
Serial No.: 09/872,339  
Filed: June 1, 2001  
For: ADJUSTABLE THRESHOLD SWITCH

Examiner: Leffers, G.  
Art Unit: 1636

Assistant Commissioner For Patents  
Washington, DC 20231

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Sir:

MAR 04 2003

TRANSMITTAL LETTER

TECH CENTER 1600/2900

Enclosed are the following documents:

1. Form PTO-1449 (1 page);
2. Supplemental Information Disclosure Statement (5 pages);
3. Cited Art (6 references); and
4. Return Postcard

If any additional fees are required to be paid or if any overpayment has been made, please charge same to Deposit Account No. 03-1721.

Respectfully submitted,

*Monica R. Gerber*

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Dated: Feb 27, 2003

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2-27-03 Sandra Saccocia  
Date Signature

Sandra Saccocia

Typed or Printed Name of person signing certificate



ATTORNEY'S DOCKET NO.: 2004647-0003 (was CEL-004)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gardner *et al.*  
Serial No.: 09/872,338  
Filed: June 1, 2001  
For: MULTI-STATE GENETIC OSCILLATOR

Examiner: Leffers, G.  
Art Unit: 1636

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

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STATEMENT FILED PURSUANT TO THE DUTY OF  
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants request consideration of this Supplemental Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

(Select A, B, C or D below)

- A. ☒ This Supplemental Information Disclosure Statement has been filed:
- ☐ within three months of the filing date of the above identified U.S. Patent application other than a continued prosecution application under § 1.53(d);
  - ☐ within three months of the filing date of the entry of the National Stage, as set forth in 37 C.F.R. §1.491, in an International application;
  - ☒ before the mailing date of the first Office Action on the merits in the above-identified application; or

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2-27-03 Sandra Saccoccia

Date

Signature

Sandra Saccoccia

4. ☐ before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.

No fee or certification is required.

B. ☐ This Supplemental Information Disclosure Statement has been filed more than three months after the filing date of the present application and after the mailing date of the first Office Action, but before the mailing date of a final action under 37 C.F.R. §1.113, a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in the application, and:

(check 1 or 2 below)

1. ☐ The fee of \$180 as set forth in 37 C.F.R. §1.17(p) is enclosed, OR
2. ☐ The Applicants hereby certify, as specified in 37 C.F.R. §1.97(e), that

(check a or b below)

- a. ☐ each item of information contained in this Supplemental Information Disclosure Statement was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of the Supplemental Information Disclosure Statement; or
- b. ☐ no item of information contained in this Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the Supplemental Information Disclosure Statement was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Statement.

C. ☐ This Supplemental Information Disclosure Statement has been filed after the mailing date of either a Final action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311 and on or before payment of the Issue Fee.

1. The Applicants hereby certify, as specified in 37 C.F.R. §1.97(e), that:
    - a. ☐ each item of information contained in this Supplemental Information Disclosure Statement was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of the Supplemental Information Disclosure Statement; or
    - b. ☐ no item of information contained in this Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the Supplemental Information Disclosure Statement was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Statement; AND
  2. The Petition Fee of \$180 as set forth in 37 C.F.R. §1.17(p) is enclosed.
- D. ☐ This Supplemental Information Disclosure Statement does not comply with any of the provisions set forth above, or is being submitted after the payment of the issue fee; however, Applicants respectfully request that the Statement be placed in the above-referenced file.

PART II - 37 CFR § 1.98 Content of Supplemental Information Disclosure Statement:

[X] A. Applicants hereby make of record in the above-identified application all patents, publications, applications or other information submitted for consideration by the Office listed on the attached form PTO-1449 (modified). The order of presentation of the patents, publications, applications or other information should not be construed as an indication of the importance. Applicants have provided a legible copy of:

- each U.S. patent application publication;
- each U.S. foreign patent;
- each publication or that portion which caused it to be listed;

each pending U.S. application (including the application specification including the claims and any drawing of the application, or that portion of the application which caused it to be listed including any claims directed to that portion); and  
other information or that portion which caused it to be listed.

For each patent, publication, or other information listed that is not in the English language, the following is a concise explanation of the relevance of each non-English language reference listed on the attached form PTO-1449 (modified):

Alternatively, if a written English-language translation of a non-English-language document, or portion thereof, if within the possession, or control of, or is readily available to any individual designated in § 1.56(c), a copy of the translation is provided herein as identified:

[ ] B. The Applicants hereby make the following additional information of record in the above-identified application:

PART IV: Remarks

A copy of each of the above-identified U.S. and foreign patent(s), publication(s), application(s) or other information submitted is enclosed unless otherwise indicated on the attached form PTO-1449 (modified). It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information been fully considered by the Patent and Trademark Office during the examination of this application; and
3. The citations for the patent(s), publication(s), application(s), or other information be printed on any patent which issues from this application.

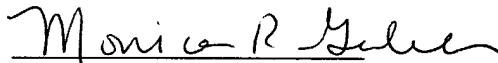
By submitting this Supplemental Information Disclosure Statement, Applicants make no representation that a search has been performed, of the extent of any search performed, or that more material information may not exist.

By submitting this Supplemental Information Disclosure Statement, Applicants make no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Supplemental Information Disclosure Statement, Applicants make no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

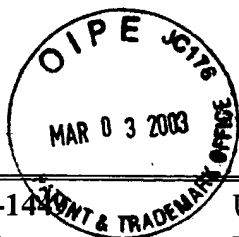
Notwithstanding any statements by Applicants, the Examiner is urged to form his or her own conclusions regarding the relevance of the cited materials. An early and favorable action is hereby requested.

Respectfully submitted,

  
Monica R. Gerber, M.D., Ph.D.  
Registration Number 46,724

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Date: Feb. 27, 2003



Form PTO-14  
(REV. 8-83)

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket:  
2004647-0004

In re Application No.  
09/872,339

**SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT**

(Use several sheets if necessary)

Applicant: Gardner, et al.

Filing Date:  
June 1, 2001

Group: MAR 04 2003

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**U.S. PATENT DOCUMENTS**

Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
	5,814,618	Bujard, et al.	September 29, 1998	514	44

**U.S. PATENT APPLICATIONS**

Examiner's Initials:	Serial Number:	Applicant:	Filing Date:	Group:	Art Unit:

**FOREIGN PATENT DOCUMENTS**

Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No
	WO 99/57290	PCT	11 November 1999		X

**OTHER DOCUMENTS**

Examiner's Initials	Citation (Including Author, Title, Date, Pertinent Pages, Etc.)
	Cormack, B.P., et al., "Facs-Optimized Mutants of the Green Fluorescent Protein (GFP)" Gene, Elsevier Biomedical Press., Amsterdam, NL, Vol. 173, 1996, pages 33-38.
	Gardner, Timothy, et al: "A Theory for Controlling Cell Cycle Dynamics using a Reversibly Binding Inhibitor." Proceedings of the National Academy of Sciences of the United States, Vol. 95, No. 24, November 24, 1998 (1998-11-24), pages 14190-14195
	Ishiura Masahiro, et al., "Expression of a Gene Cluster kai ABC as a Circadian Feedback Process in Cyanobacteria", Science (Washington, D.C., Vol. 281, No. 5382, pages 1519-1523
	Lutz, R., et al., "Independent and Tight Regulation of Transcriptional Units In Escherichia Coli Via the LACR/O, The TETR/O and ARAC/L1-L2 Regulatory Elements", Nucleic Acids Research, Oxford University Press, Surry, GB, Vol. 6, No. 25, 1997, pages 1203-1210.

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